

DRAFT
Generic Methodology to Determine Level of Regulatory Oversight
Large Volume Transfer/Processing Facilities Handling Solid Waste

Environmental Indicator	Indicator Concerns with Agency Jurisdiction	Mitigation Activity Required by CIWMB	Method to Achieve Mitigation					Level of Regulatory Oversight (as provided in Tiers)
			Are Minimum Standards needed: Performance Prescriptive	What action should be taken by EA/CIWMB in reviewing application: Discretionary (evaluation of info) Nondiscret (no evaluation)	Are Site Specific Conditions needed in the permit: Yes No	What Frequency of Inspection is needed to assure that problem isn't developing (e.g., timeframe for degradation; significance of impact, time needed to reverse problem)	How much information should be submitted for review: Minimal: letter w/name, address, description of operation (volume, waste types, peak & annual loading, hrs). Moderate: application w/same info as above, plus facility size, operating area, vehicles/day, site plan, location map. Significant: application w/same info as above, plus Report of Facility Information & compliance w/CEQA.	
GAS: Produced by chemical or microbial activity during the decomposition of solid waste	Public exposure (environmental health department & CIWMB)	1. Solid waste removal frequency (to prevent potential gas generation).	Prescriptive	Nondiscret	no	< monthly	minimal	EA Notification
NOISE: unwanted sound from heavy equipment operation.	Hearing loss, psychological stress, nuisance to workers. (OSHA)	1. Limit access - using signs, barriers, etc., restrict area access where high noise levels exist.	Performance	Nondiscret	no	< monthly	minimal	EA Notification
	Hearing loss, psychological stress, nuisance to public. (local planning and environmental health departments & CIWMB)	2. Increase distance between noise source and receptors design operation to locate noise source farthest from receptor.	Performance	Nondiscret	no	< monthly	minimal	EA Notification
		3. Reduce noise through various facility control measures.	Performance	Discretionary	maybe	monthly	significant	Standardized - Full
		4. Warning sign to restrict access - post sign warning that high noise level may exist.	Prescriptive	Nondiscret	no	< monthly	minimal	EA Notification
		5. Total enclosure of noise source - totally enclose noise source to reduce transmission through the air.	Performance	either	maybe	monthly	moderate - significant	Standardized - Full
AIRBORNE PARTICLES/FIBERS: Fugitive dust, visible emissions, heavy metal particulate.	Toxicity through inhalation by workers; poor visibility for workers. (OSHA)	1. Limit access - using signs, barriers, etc., restrict area access where high dust/fiber levels generated in an area	Performance	Nondiscret	no	< monthly	minimal	EA Notification
	Toxicity through inhalation by public. (Air Districts) Poor visibility for public. (Air Districts, EHD, & CIWMB)	2. Minimize the creation of dust.	Performance	either	maybe	monthly	moderate - significant	Standardized - Full

GENERAL SAFETY: Physical hazards (e.g., traffic on site, operation of mechanical equipment, general conditions on site).	Exposure of workers to injury or accident. (OSHA)	Limit access using signs, barriers, etc., restrict access where potential for injury.	Performance Nondiscret	no	< monthly	minimal	EA Notification
	Exposure of public to injury or accident. (local planning and environmental health departments and CIWMB)	2. Conduct activities in manner that minimizes hazards.	Performance Discretionary	yes	monthly	significant	Full
		3. Establish a loadchecking program to ensure proper handling and removal of hazardous waste inadvertently received.	Performance Discretionary	maybe	< monthly	moderate	Standardized - Full
		4. Provide radio communication for safety and emergency purposes.	Performance Nondiscret	no	< monthly	minimal	EA Notification
		5. Control traffic flow in safe manner.	Performance Nondiscret	no	< monthly	moderate	Registration - Standardized
		6. Maintain adequate records (e.g. the type and quantity of each waste accepted, type and quantity of each waste leaving, and special occurrence, etc.).	Performance Nondiscret	no	< monthly	minimal	EA Notification
		7. Design and construct facility to enable facility to comply with operational standards for storing and transferring solid waste.	Performance Discretionary	maybe	monthly	significant	Full
		8. General design and/or operation of facility.	Performance Discretionary	yes	monthly	significant	Full
		9. Adequate supervision of site for proper operation.	Performance Nondiscret	no	< monthly	minimal	EA Notification
		10. Attendant on duty.	Prescriptive Performance	no	< monthly	minimal	EA Notification
		11. Emergency response program includes identification of emergency services, training, and plan.	Performance Nondiscret	no	< monthly	moderate	Registration
		12. Sanitary facilities.	Prescriptive Performance	no	< monthly	minimal	EA Notification
		13. Water supply.	Nondiscret	no	< monthly	minimal	EA Notification
		14. Back-up alarms on heavy equipment.	Nondiscret	no	< monthly	minimal	EA Notification

VECTORS: An insect or any living carrier which transports a pathogenic microorganism (e.g., flies, roaches, mosquitoes, rats, mice)..	Nuisance and exposure of public health threat (environmental health departments and CIWMB)	2. Solid waste removal - specify frequency of removal of waste	Prescriptive	Nondiscret	no	< monthly	minimal	EA Notification
		2. Material management to prevent vector access to waste material (e.g., containment, storage practice).	yes	either	maybe	monthly	significant	Standardized - Full
		3. Pest control program - beyond everyday practice to prevent, reduce, or eliminate vectors.	Performance	Nondiscret	no	≤ monthly	minimal - moderate	EA Notification - Registration
		4. Cleaning frequency. 6. Design and construct facility to minimize the propagation or attraction of vectors. 6. Protection of users - minimize contact between public and solid waste (e.g., railing, curbs, etc.).	Prescriptive Performance	Nondiscret Discretionary	no no	monthly ≤ monthly	minimal significant	EA Notification Standardized
			Performance	Discretionary	maybe	monthly	moderate - significant	Standardized - Full
LEACHATE/ WASTE PROCESSING LIQUID: Water that has come into contact with waste.	Pollution or degradation of water quality. (RWQCB) Public Exposure (environmental health department & CIWMB)	1. Manage contaminated water in an approved manner.	Performance	Nondiscret	no	< monthly	minimal	EA Notification
		2. Remove material that creates leachate or processing of fluids.	Prescriptive	Nondiscret		< monthly	minimal	EA Notification
		3. Prevent uncontrolled off-site migration of contaminated water.	Performance	Discret	maybe	< monthly	moderate	Registration
FIRE: threat of fire from equipment operation and ignitability of materials on site and in waste.	Regulated by local fire authorities. Public safety (environmental health department & CIWMB)	1. Proper equipment available to protect public health and safety.	Performance	Nondiscret	no	< monthly	Minimal	EA Notification
		2. Loadchecking for hot loads.	Performance	Nondiscret	no	≤ monthly	minimal - moderate	EA Notification - Registration
PATHOGENS: Any microorganism capable of causing disease (e.g., bacteria, viruses, protozoa, and helminths)	Public health, safety, and environment (environmental health departments & CIWMB)	1. Solid waste removal frequency.	Prescriptive	Nondiscret	no	< monthly	minimal	EA Notification